Post-doctoral Research Associate in the Particle Physics Experiment Group with the ATLAS Experiment

The experimental particle physics group at the University of Edinburgh has significant involvement in the ATLAS experiment which studies physics at the high energy frontier at the LHC. The group made substantial contributions to the recent discovery of the Higgs boson. We are also active in studies for the upgrade of the ATLAS tracking detectors. These activities are led by Professor Phil Clark, Dr Christos Leonidopoulos and Dr Victoria Martin.

We are seeking a Post-doctoral Research Associate to strengthen our activities within the ATLAS Experiment. You will be expected to contribute to the Higgs analysis of the 2011-12 dataset in the H to bb or the H to 4 lepton (ZZ*) channels. The physics goals are the determination of the Higgs mass, CP properties and couplings. In addition you will be expected to participate in one of the group's service tasks: simulation infrastructure, high level trigger or the Level-1 track upgrade.

Salary Scale: £30,122 - £35,938

Fixed Term: 2 years with the possibility of extension

Deadline: 29 October 2012

To apply and for further information, please visit: http://www.jobs.ed.ac.uk/vacancies/index.cfm?fuseaction=vacancies.detail&vacancy_ref=3016275&go=GO

Please contact Dr Christos Leonidopoulos (Christos.Leonidopoulos@ed.ac.uk) or Dr Victoria Martin (Victoria.Martin@ed.ac.uk) if you wish to discuss this position in more detail.